PTO/SB/21 (modified) (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Traueman Onice, O.S. Del Assistance of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL		Application Number	09/539,966 March 31, 2000		
		Filing Date			
FORM (to be used for all correspondence after initial filing)		First Named Inventor	Stephen D. Macarthur		
		Art Unit	2182		
		Examiner Name	Mike Nguyen		
Total Number of Pages in This Submission	656	Attorney Docket Number	EMC2-044PUS		

		ENCLOSURES (Check all that app	oly)				
Fee Transmittal Fo	<u>-</u> -	Assignment Papers (for an Application) Drawing(s)	After Allowance communication to Technology Center (TC) Appeal Communication to Board				
Amendment/Reply After Final	` <u> </u>	Licensing-related Papers Petition Petition to Convert to a	of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter				
Extension of Time Express Abandonr Information Disclos	ment Request	Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer	Other Enclosure(s) (please Identify below):				
Certified Copy of F Document(s) Response to Missi	Priority	Request for Refund CD, Number of CD(s)	35 Cited References MAY 1 1 2004				
	to Missing Parts CFR 1.52 or 1.53	Remarks Technology Center 2 In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.					
	SIGNATU	RE OF APPLICANT, ATTORNEY,	OR AGENT				
] (1	chard M. Shark Crowley-&7Mo	_					
Date		· /// X	51014				
	CER ⁻	TIFICATE OF TRANSMISSION/MA	AILING				
			osited with the United States Postal Service with s, P.O. Box 1450, Alexandria, VA 22313-1450 on				
Typed or printed name	Cara	ı Egan					
Signature	Car	La Egen	Date 5-6-04				

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
erwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

F.⊈E TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)	290
-------------------------	------	-----

C mp	lete if Known
Application Number	09/539,966
Filing Date	March 31, 2000
First Named Inventor	Stephen D. Macarthur
Examiner Name	Mike Nguyen
Art Unit	2182
Attorney Docket No.	EMC2-044PUS

Check Codi (ard Money Other None Order O	METHOD OF PAYMENT (check all that apply)					FEI	E CALCULATION (continued)	MAY 1	1 200		
Deposit Account:	Check	Credit card	Money Othe	r None	3. A	DDITI	ONA	L FEE	S		1 200
Deposit Account Number Account Num		Account:	Order U		Large	Entity	Small	Entity		Technology	Contor
	— · .	Account.							Fee Description		Center
Delpoint Account Dally, Crowley & Mofford, LLP Account Dally, Crowley & Mofford, LLP Account Dally, Crowley & Mofford, LLP Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments (red): 1053 130 Non-English specification (1052 50 Per filing a request for exparie reexamination (1052 50 Per filing a request for exparie reexamination (1052 50 Per filing a request for exparie reexamination (1052 50 Per filing a request for exparie reexamination (1052 50 Per filing a request for exparie reexamination (1052 50 Per filing a request for exparie reexamination (1053 130 Non-English specification (1052 50 Per filing a request for exparie reexamination (1053 130 Non-English specification (1052 50 Per filing a request for exparie reexamination (1053 130 Non-English specification (1053 105) (1053 105) Non-English specification (1053 105) Non-English (1053 1	Account		50-0845			• • •				Fee Paid	
Account Name Daily, Crowley & Notification, LEF Name The Director is authorized to: (check all that apply) 1053 130 1053 130 1053 130 1054 130 1055		Data Ca	and an O Maffeed I						•		
1003 130 1005 130 1005 130 1005 130 1005 130 1005 130 1005 130		Daly, Cr	owiey & Μοποra, i	LLP	1032	30	2032	23			
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.		s authorized to:	(check all that apply)				1		<u> </u>		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. 1805 1,840*		• •		, •				_,	• • •	nation	
The pattern of the above-identified deposit account.	Charge any	additional fee(s) or any underpayment of	fee(s)	1804	920*	1804	920*			ĺ
1. BASIC FILING FEE 1. Small Entity 1. Sma	Charge fee((s) indicated belo	ow, except for the filing f	fee	1805	1,840*	1805	1,840*			ĺ
18	the above-ide	entified deposit a	account.			445				110	
1. BASIC FILING FEE 1253		FEE CA	ALCULATION		l		1		• •		
Total Claims			-		1		ı		• •	' 	
Code (\$)			ee Description	Fee Paid	i .		ŀ		• •		1
1002 340 2002 170 Design filing fee			ee Description			•			• •	 	
1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1004 770 2004 385 Reissue filing fee 1403 290 2403 145 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 1451 1,510 Petition to revive - unavoidable 1453 1,330 250 240 240 2502 240 2503 250 Petition to revive - unintentional 1501 1,330 2501 2501 2501 2501 2501 2501 2501 250	001 770	2001 385	Utility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month		
1403 290 2403 145 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 1451 1,510 Petition to revive - unavoidable 1452 110 1452 110 1453 1,330 1458 1500 15	002 340 2	2002 170	Design filing fee		1401	330	2401	165	Notice of Appeal		
1451 1,510 145	003 530	2003 265	Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal		
SUBTOTAL (1) (\$) 0	004 770 2	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Claims -20** = 0 X = 0	005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceed	gnit gnit	ı
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Extra Claims Independent Claims Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Code (\$) Code (\$	1	St	JBTOTAL (1) (\$)	0	1452	110	2452	55	Petition to revive - unavoidable		1
Extra Claims below Fee Paid Total Claims	EVTDA			الحصيفي	1453	1,330	2453	665	Petition to revive - unintentional		1
Total Claims Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1203 290 2203 145 Multiple dependent claims over original patent 1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1204 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1206 180 180 180 180 180 180 180 180 180 180 1207 18 208 385 18 18 18 18 18 18 18 1208 18 2205 9 ** Reissue claims in excess of 20 18 18 18 18 18 18 1209 1800 1800 18 18 18 18 18	EXIKA U		Fee from	m	1501	1,330	2501	665	Utility issue fee (or reissue)		i
Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Code (\$) 1202	Fotal Claims					480			Design issue fee		1
Claims Multiple Dependent Large Entity Small Ent				الشدا	1503	640	2503	320	Plant issue fee		i
Large Entity Small Entity Fee Fee Fee Code (\$) Fee Description 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 Submission of Information Disclosure Stmt 180 1806 180 1806 180 Submission of Information Disclosure Stmt 180 1806 180 Submission of Information Disclosure Stmt 180 1806 180 Submission of Information Disclosure Stmt 1800 1802 18	Claims		*	╏┸┻┩	1460	130	1460	130	Petitions to the Commissioner		l
Fee Fee Code (\$) 2202 9 Claims in excess of 20 1203 290 1204 86 1204 86 1205 18 1205 18 1205 18 1206 Fee Fee Code (\$) 1207 18 1208 Fee Fee Code (\$) 1209 Claims in excess of 20 1209 Claims in excess of 3 1200 18 1201 18 1202 18 1203 290 1204 18 1205 18 1206 18 1207 18 1208 8021 18 1209 1809 1809 1809 1809 1809 1809 1809 18	, ,			·	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	100	1
Code (\$) 1202 18 1202 9 Claims in excess of 20 1201 86 1202 14 Independent claims in excess of 3 1203 290 1204 86 1204 86 1205 9 **Reissue independent claims over original patent 1205 18 1205 9 **Reissue claims in excess of 20 1206 (\$) 1207 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1208 385 For each additional invention to be examined (37 CFR 1.129(b)) 1207 2809 385 For each additional invention to be examined (37 CFR 1.129(b)) 1208 385 For each additional invention to be examined (37 CFR 1.129(b)) 1209 385 For each additional invention to be examined (37 CFR 1.129(b)) 1200 385 For each additional invention to be examined (37 CFR 1.129(b)) 1201 385 Request for Continued Examination (RCE) 1202 3809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1203 290 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1204 86 2900 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1205 18 207 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1207 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1208 90 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1209 385 For each additional invention to be examined (37 CFR 1.129(b)) 1209 385 For each additional invention to be examined (37 CFR 1.129(b)) 1200 380 900 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1201 380 900 385 For each additional invention to be examined (37 CFR 1.129(b)) 1202 900 1802 900 Request for expedited examination of a design application 1203 290 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1204 86 900 900 900 900 900 900 900 900 900 90			Fee Description	İ	1806	180	1806			tmt 180	1
1202 18 1203 290 1204 86 1204 86 1205 9 ** Reissue claims in excess of 20 1205 18 1205 18 1206 207 1207 1208 9 ** Reissue claims in excess of 20 1208 9 ** Reissue claims in excess of 20 1209 1809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1200 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1201 385 Request for Continued Examination (RCE) 1202 18 1203 290 1203 145 Multiple dependent claims over original patent 1204 86 1206 2204 43 ** Reissue independent claims over original patent 1207 18 1809 770 1809 770 1809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1800 770 1800 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 1802 900 Request for Continued Examination of a design application 1809 770 1809 770 1809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 1809 770 1809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 1809 385 Filing a submission after final rejection (37 CFR 1.129(b)) 1800 770 1800 900 800 900 800 900 800 900 800 900 9					8021	40	802 ⁻	1 40	Recording each patent assignment per		1
1201 86	1202 18	2202 9			1809	770	2809	385			ł
1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 Examined (37 CFR 1.129(b)) 2801 385 Request for Continued Examination (RCE) 1802 900 Request for expedited examination of a design application Other fee (specify)	1201 86	2201 43	Independent claims in e	xcess of 3							1
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 Request for expedited examination of a design application 1802 900 Other fee (specify)	1203- 290	2203 145	Multiple dependent clair	n, if not paid	1810	770	2810	385			1
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 1802 900 Request for expedited examination of a design application Other fee (specify)	1204 86	2204 43		claims	1904	770	2004	205	, , , , , ,	_(CE)	1
and over original patent Other fee (specify)	1205 10	2205 0		2000 of 20					·	``E'	1
SUBTOTAL (2) I(\$) V II	1205 18	2205 9			1002	900	1002	900			i
3UDIU(AL(2) (0)		. enn.	TOTAL (2)		Other	fee (sp	ecify) _				i
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 290	**or number		• • • • • • • • • • • • • • • • • • • •		*Redu	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$)	290	1
SUBMITTED BY (Complete (if applicable))					_						1

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attomey/Agent)

25,800

Date

Telephone 781.401.9988 ext. 23

Richard M. Sharkansky

Name (Print/Type)

Signature